

REMARKS

Claims 1, 2 and 5 are pending in the present application. Claim 1 is herein amended. No new matter has been entered. In light of the aforementioned amendments and following remarks, favorable consideration is earnestly solicited.

Claim Rejections – 35 U.S.C. §103

Claims 1, 2 and 5 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 7,346,917 B2 to *Gatto*, in view of U.S. Patent No. 7,200,855 B2 to *Laksono*.

In the previous response, the claims were amended to add several features including the feature regarding the matrix switch as shown in Fig. 1, which selects a digital AV stream for broadcasting on the main television set and a digital AV stream for broadcasting on the sub-television set, out of a plurality of digital AV streams which have a common signal form.

The Examiner acknowledges that these added features are not disclosed by *Gatto*, but asserts that they are disclosed by *Laksono*. Specifically, the Examiner contends that *Gatto* does not disclose the feature that "an analog video signal and an analog audio signal which are outputted from the analog terrestrial wave tuner are encoded after being respectively converted into digital signals, and are further multiplexed to be converted into a third digital AV stream, which is then inputted to the matrix switch, the third digital AV stream having the signal form

common to the first digital AV stream" as recited in claim 1. The examiner contends *Laksono* discloses this feature.

Applicants respectfully disagree with the examiner's assertion.

(1) *Laksono*, Figs. 1-5; col. 5, lines 61-67 and col. 6, lines 1-9

Col. 5, lines 61-67 and col. 6, lines 1-9 of *Laksono* describe that the channels are encoded and the encoded channel data is conveyed to a plurality of clients.

(2) *Laksono*, Figs. 30-31; col. 40, lines 25-43

Fig. 30 of *Laksono* illustrates that the tuning module 840 selects the channels based on the channel select commands included in the received frames. The selected channels are encoded by the encoding module 804. Then, the encoded set of channels is sent to the clients through the bus interface 806 and the shared bus 824.

Col. 40, line 43 to col. 41, line 39 of *Laksono* and Fig. 31 of *Laksono* are described below.

Fig. 31 shows that the frame or packet containing the channel select command is, for example, compressed, encrypted and encoded, and then sent to the shared bus 824. The frame or packet received by the bus interface 806 is fed to the decoding module 852.

The decoding module 852 includes the deframer or depacketizer module 854, the decoder 856 and the buffer 858. The deframer or depacketizer module 854 extracts data from the received frame or packet. The deframed or depacketized data is provided to the decoder 856. The decoder 856 recaptures the original data of the channel select request. In short, the decoder 856 in Fig. 31 is for decoding the channel select request, not for decoding a digital AV stream.

If the recaptured data of the channel select request is unencrypted and is not compressed, the recaptured data is sent to the control module 156, 244, 284 and/or 344. If the recaptured data is encrypted, the encrypted data is decrypted in the decrypting module 864. If the recaptured data is also compressed, the data is decompressed in the decompressing module 868. The control module 156, 244, 284 and/or 344 produces a plurality of channel select commands 796-802 based on the recaptured data (the channel select requests). A plurality of selectors 786-780 output a selected channel 788-794 based on the respective channel select commands 796-802. The outputted channels 788-794 are, for example, compressed in the data compressing module 862, encrypted in the encrypting module 860 and encoded in the encoding module 804. Then, the encoded set of channels is provided to each client via the bus interface 806 and the shared bus 824.

(3) Specifically, *Laksono* simply describes that the selected channels are encoded and the encoded channel data is transmitted to a plurality of clients.

In the claimed invention, an analog video signal and an analog audio signal which are outputted from the analog terrestrial wave tuner are converted into the third digital AV stream having the original form common to the first digital AV stream outputted from the digital satellite wave tuner. *Laksono* fails to disclose this feature.

In addition, in the claimed invention, the main television set comprises the decoder for decoding the digital AV stream. However, the multimedia server for transmitting AV data to the clients in *Laksono* does not have a decoder for decoding a digital AV stream.

Laksono fails to disclose the following features as recited in claim 1:

(a) an analog video signal and an analog audio signal which are outputted from the analog terrestrial wave tuner are encoded after being respectively converted into digital signals, and are further multiplexed to be converted into a third digital AV stream, which is then input to the matrix switch, the third digital AV stream having the signal form common to the first digital AV stream;

(b) the first signal processing circuit comprises a decoder for decoding the digital AV stream for broadcasting on the main television set selected by the matrix switch.

Application No.: 10/504,823
Art Unit: 2424

Amendment under 37 CFR §1.116
Attorney Docket No.: 042682

In view of the above, Applicants respectfully submit that their claimed invention is allowable and ask that the rejection under 35 U.S.C. §103 be reconsidered and withdrawn. Applicants respectfully submit that this case is in condition for allowance and allowance is respectfully solicited.

If any points remain at issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the local exchange number listed below.

If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,

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